

STEVEN UMBRELLO

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s.umbrello@tudelft.nl | Data di Nascita: 05/01/1993 |

Nazionalità: Canada/Italia



ELENCO DEI TITOLI

1 OTT 2018 – 26 NOV 2021

DOTTORATO DI RICERCA (PHD) CUM LAUDE

CONSORZIO DI FILOSOFIA DEL NORD-OVEST (ITALIA)

- [Filosofia \(Consorzio FINO\) - Dipartimento di Eccellenza \(UNITO-DFE\)](#)
 - o Borsa di studio (Progetto di Eccellenza): Role of Philosophy in Understanding the Digital World (UniTo)
 - o Tesi: [Towards a Value Sensitive Design Framework for Attaining Meaningful Human Control of Autonomous Weapons Systems](#)
 - o Lingua Tesi: Inglese
 - o Relatore: Maurizio Balistreri (UniTo)
 - o Commissari: Alberto Pirni (Sant'Anna) e Stefan Sorgner (John Cabot)

1 SET 2016 – 28 NOV 2018

LAUREA MAGISTRALE (MSC)

UNIVERSITY OF EDINBURGH (UK)

- Epistemology, Ethics and Mind (Filosofia)
 - o Tesi: [Imaginative Value Sensitive Design: How Moral Imagination Exceeds Moral Law Theories in Informing Responsible Innovation](#)
 - o Lingua Tesi: Inglese
 - o Relatore: Emma C. Gordon

01 SET 2017 – 10 OTT 2018

LAUREA MAGISTRALE (MA)

YORK UNIVERSITY (CANADA)

- Science and Technology Studies (Filosofia)
 - o Major Research Project: [Safe-\(for whom?\)-by-Design: Adopting a Posthumanist Ethics for Technology Design](#)
 - o Lingua Tesi: Inglese
 - o Relatore: Daniel McArthur

01 SET 2011 – 01 GIU 2016

BACHELOR OF ARTS CON LODE

UNIVERSITY OF TORONTO (CANADA)

- Filosofia (Maj.),
- Filosofia della Scienza (Min.),

- Studi Classici (Min.).

12 OTT 2023 – 24 GIU 2023

DIPLOMA IN STUDI SINDONICI

ATENEIO PONTIFICIO REGINA APOSTOLORUM (ITALY)

POSIZIONI ATTUALI

01 APR 2016 – PRESENTE

DIRETTORE AMMINISTRATIVO

INSTITUTE FOR ETHICS AND EMERGING TECHNOLOGIES

- Ricerca indipendente sul design e l'etica delle tecnologie trasformative ed emergenti.
- Ho guidato il rebranding dell'IEET e la riformulazione dei compiti essenziali del Consiglio di Fondazione, del Consiglio di Amministrazione e dell'Advisory Board.

03 LUG 2022 – 29 DIC 2023

RICERCATORE (4° LIVELLO)

CENTER FOR RELIGIOUS STUDIES (FONDAZIONE BRUNO KESSLER)

- Progetto: Etica dell'IA Generativa

01 OTT 2022 – 31 OTT 2023

BORSISTA DI STUDIO DI RICERCA

UNIVERSITÀ DEGLI STUDI DI TORINO

- Progetto: Affects numériques. Enjeux éthiques, esthétiques et anthropologiques
- Finanziato da: LING_RIC_N_COMP_22_01 - 2022.03-Accordo attuativo 2022 - Collège des Bernardins
- Responsabile scientifico dell'attività di ricerca: Prof. Graziano Lingua

21 OTT 2019 – PRESENTE

ESPERTO DI ETICA

ETHICAL INTELLIGENCE ASSOCIATES LTD.

- Fornire consulenza alle aziende per ottenere un vantaggio competitivo mitigando i rischi etici e formulando strumenti e protocolli personalizzati per incorporare l'etica nelle loro pratiche in linea con le attuali linee guida etiche e valori aziendali.

11 GEN 2021 – PRESENTE

RICERCATORE

Z-INSPECTION®

- Applicare il processo di ispezione generale per l'IA etica a vari domini come ad esempio affari, assistenza sanitaria, e settore pubblico.
- Ricerca e pubblicazione accademica

POSIZIONI PRECEDENTI

15 LUG 2021 – 15 LUG 2023

ASSEGNISTA DI RICERCA

DELFT UNIVERSITY OF TECHNOLOGY

- Ruolo: comunicazione con gli stakeholder, costruzione di scenari, insegnamento dell'etica e sviluppo di metodologie.
- Finanziato da: [TechEthos](#) (EU Horizon 2020 Grant Agreement no. 101006249)
- Borsa di ricerca di 2 anni per il progetto *Ethics for Technologies with High Socio-Economic Impact* dell'Unione Europea (2021-2023)

08 MAR 2022 – 15 LUG 2023

MEMBRO DEL CONSIGLIO JUNIOR (TPM AI-LAB)

DELFT UNIVERSITY OF TECHNOLOGY

- Aumentare nel mondo esterno la visibilità della ricerca sull'IA attualmente in corso presso TPM.

15 FEB 2022 – 05 FEB 2023

CULTORE DELLA MATERIA

UNIVERSITÀ DEGLI STUDI DI TORINO

- Etica e filosofia della tecnologia presso il Dipartimento di Filosofia e Scienze della Educazione
- Relatore di tesi per studenti di laurea triennale e magistrale.

11 APR 2022 – 31 DIC 2022

STIFTUNG SÜDTIROLER SPARKASSE GLOBAL FELLOW (BORSISTA POST-DOC)

CENTER FOR ADVANCED STUDIES (EURAC RESEARCH)

- Progetto: Filosofia, religione e società
- Finanziato da: [Stiftung Südtiroler Sparkasse](#)

26 OTT 2021 – 31 DIC 2022

ESPERTO DI VALUTAZIONE DELLE SCUOLE SUPERIORI A ORDINAMENTO SPECIALE (CEVS)

ANVUR

- Analisi preliminare dei documenti forniti dalle scuole per l'accreditamento.
- Redazione dei report CEVS.

11 GEN 2021 – 31 OTT 2022

RAPPRESENTANTE DEI DOTTORANDI

UNIVERSITÀ DEGLI STUDI DI TORINO

- Rappresentante dei dottorandi nel consiglio del Dipartimento di Filosofia e Scienze della Formazione.

01 GEN 2013 – 06 NOV 2018

RICERCATORE

GLOBAL CATASTROPHIC RISK INSTITUTE

- Ricerca sulla etica delle nanotecnologie.

01 GUN 2015 – 01 LUG 2018

COORDINATORE POLITICO – AMERICHE

GLOBAL HEALTHSPAN POLICY INSTITUTE

- Partecipazione come pioniere dell'istituto nella protezione dei beni ed esperti a sostegno delle politiche pubbliche di biogerontologia e bioetica.

01 OTT 2015 – 31 MAR 2016

DIRETTORE ASSISTENTE

INSTITUTE FOR ETHICS AND EMERGING TECHNOLOGIES

- Assistente amministratore delegato per l'amministrazione organizzativa.

LINGUE

Madre Lingua – Inglese

Lingue Straniere – Italiano

RELATORE DI TESI

Mar 2023 – Mar 2023	G. Burbello. Tesi di Laurea Magistrale, Università degli Studi di Torino, Italy. Titolo: L'uomo, tra il presente e le preoccupazioni per il futuro, Le potenzialità della tecnica come cambi di rotta
Nov 2021 – Nov 2022	B. Agaci. Tesi di Laurea Magistrale, co-relatore con Prof. Maurizio Balistreri, Università degli Studi di Torino, Italia. Titolo: DUEMILA4.0 Lavoro e intelligenza: le nuove sfide del futuro
Nov 2021 – Nov 2022	G. Mecca. Tesi di Laurea Magistrale, co-relatore con Prof. Maurizio Balistreri, Università degli Studi di Torino, Italia. Titolo: Prospettive diverse: discorso filosofico ed etico sull'Amore
Nov 2021 – Nov 2022	F. Varesi. Tesi di Laurea Triennale, co-relatore con Prof. Maurizio Balistreri, Università degli Studi di Torino, Italia. Titolo: Progettare l'Ambiente Comunicativo. Strumenti per applicare il VSD ai social media.

ESPERIENZA DI INSEGNAMENTO

Docente

Delft University of Technology (Apr 2023 – Lug 2023)

- UD2010 Critical Reflection on Technology (ECTS: 5) [Instructor]

Eindhoven University of Technology (11 Mag 2023)

- DDM190: Interactional Morality [Lezione su Invito]

Università degli Studi di Torino (2022 – 2023)

- NEU0282 Bioethics and Mind Philosophy (CFU: 4)
- FIL0458 Etica dell Tecnica (CFU: 6)

Delft University of Technology (2022 – Dic 2023)

- SEN131B Master Complex Systems Engineering and Management Research Challenges (ECTS: 5) [Research Theme Leader]
- UD2010 Critical Reflection on Technology (ECTS: 5) [Instructor]
- PhD Startup Module B - Scientific Integrity [Instructor]
- WM0324 Ethics and Technology for Aerospace Engineering (ECTS: 3) [Essay Supervisor]

Università degli Studi di Torino (17 Apr 2021)

- L'assistenza sanitaria a distanza: la telemedicina e le nuove tecnologie biomediche [Lezione su Invito]

Politecnico di Milano (8 Apr 2021)

- Responsible Innovation & Value Sensitive Design [Lezione su Invito]

Università degli Studi di Torino (16 Mag 2019)

- Responsible Innovation & Technology Dynamics [Lezione su Invito]

Università della Calabria (14 Apr 2019)

- Responsible Innovation and Industrial Plant Management in Industry 4.0 [Lezione su Invito]

Green High School (Mag 2016 – Ago 2016)

- ENG4U: English, Grade 12, University Preparation [Preparazione e Insegnamento del Corso]

Assistenza alla Didattica Universitaria

Università degli Studi di Torino (2020/2021)

- FIL0158: Etica Applicata, Assistente alla didattica
- FIL0233: Pratiche filosofiche, Assistente alla didattica

York University (Sett 2017 – Gug 2018)

- NATS 1775: Technology and Civilization, Grader.
- NATS 1920: Nature and Growth of Mathematics, Grader.

Sviluppatore del Corso

High Park Academy (Mag 2016 – Gug 2016)

- HZB3M (Web): Philosophy: The Big Questions, Grade 11. Designed Course.
- HZT4U (Web): Philosophy: Questions and Theories, Grade 12. Designed Course

LAVORO IN COMITATO

Comitato per le Assunzioni

University of Massachusetts Boston (Dic 2021 – Gen 2022)

- Assegno di Ricerca [Postdoctoral Research Fellow] (Department: Philosophy)

Pannello di Valorizzazione

University of Twente (Feb 2022 – Presente)

- Responsible Innovation Path for Nanomembranes: Value Co-Creation in a Quadruple Helix System

RUOLI EDITORIALI

È possibile accedere a un record editoriale verificato tramite [Publons](https://publons.com/a/1309836) <https://publons.com/a/1309836>

Ruoli Attuali

Mag 2020 –	[Caporedattore] <i>International Journal of Technoethics</i> (CLASSE A 11/C3)
Ott 2021 –	[Direttore della Collana] <i>Ethics and Robotics</i> in <i>Trivent Transhumanism</i>
Oct 2022 –	[Direttore dell'Imprint] <i>Trivent Ethics in Science & Technology</i>
Apr 2018 –	[Redattore di Recensioni di libri] <i>Prometheus: critical studies in innovation</i>
Lug 2021 –	[Redattore Manageriale] <i>Journal of Responsible Technology</i> (CLASSE A 11/C3)
Mar 2021 –	[Redattore Manageriale] <i>Journal of Ethics and Emerging Technologies</i>
Apr 2022 –	[Redattore Associato] <i>ACM Journal on Responsible Computing</i>
Mag 2023 –	[Comitato Scientifico] <i>Philosophies</i> (CLASSE A 11/C3)

Dic 2020 –	[Comitato Scientifico] <i>Information</i> (CLASSE A 11/C3)
Nov 2017 –	[Comitatio Scientifico] <i>International Journal of Applied Philosophy</i> (CLASSE A 11/C3)
Gen 2018 –	[Comitato Scientifico] <i>Informatica</i>
Gen 2020 –	[Comitato Scientifico] <i>International Journal of Art, Culture and Design Technologies (IJACDT)</i>
Feb 2019 –	[Comitato Scientifico] <i>International Journal of Sociotechnology and Knowledge Development (IJSKD)</i>
Gug 2020 –	[Comitato Scientifico] <i>ROBONOMICS: The Journal of Automated Economy</i>
Gug 2020 –	[Comitato Editoriale] <i>AI Ethics Journal</i>
Sett 2020 –	[Comitato Scientifico] <i>International Journal of Technology and Human Interaction (IJTHI)</i>
Feb 2022 – Dec 2022	Redattore Ospite [Guest Editor] <i>Sustainability</i> . Numero Speciale: Industry 4.0 – Sustainable Technology, Policy and Management .
Mag 2022 – Oct 2022	Redattore Ospite [Guest Editor] <i>Journal of Ethics and Emerging Technologies</i> . Numero Speciale: The Ethics of Emerging Technologies and Their Role in Geopolitical Conflict, Vol. 32, No. 2 (2022).
Ago 2022 – Mar 2023	Redattore Ospite [Guest Editor] <i>International Journal of Applied Philosophy</i> . Numero Speciale: The Final Frontier: Ethical and Philosophical Issues of Space Travel and Colonisation. <i>Technoethics</i> (CLASSE A 11/C3)

Ruoli Passata

Feb 2021 – Mar 2022	Redattore Ospite [Guest Editor] <i>Information</i> . Numero Speciale: Meaningful Human Control and Autonomous Weapons Systems: Ethics, Design, and Innovation , Vol. 12-13 (2021–2022).
Gen 2021 – Dic 2021	Redattore Ospite [Guest Editor] <i>Prometheus: critical studies in innovation</i> . Numero Speciale: Designing for Value Change , Vol. 38, No. 1 (2022).

Apr 2020 – Apr 2021	Redattore Ospite [Guest Editor] <i>International Journal of Technoethics</i> . Numero Speciale: Engineering Ethics: bridging the Theory-Practice Gap , Vol. 12, No. 2 (2021) (CLASSE A 11/C3)
Gen 2019 – Mar 2021	[Editore Associato] <i>Science and Engineering Ethics</i> (CLASSE A 11/C3)
Gen 2019 – Gen 2020	[Comitato Scientifico] <i>Delphi – Interdisciplinary Review of Emerging Technologies</i>
Nov 2018 – Mag 2020	[Editore Associato] <i>International Journal of Technoethics</i> (CLASSE A 11/C3)
Sett 2017 – Nov 2018	[Comitato Scientifico] <i>International Journal of Technoethics</i> (CLASSE A 11/C3)
Gen 2018 – Ott 2018	Redattore Ospite [Guest Editor] <i>Between the Species: Journal of Philosophy and Animals</i> , part of Vol. 23, No. 1 (2020)

PEER REVIEW

Notazione: Nome Rivista (anno delle recensioni: numero di recensioni in quell'anno)

* Indica le peer review per le curatele

Nota per il lettore: includo il numero di recensioni per promuovere una maggiore trasparenza in merito alle peer review eseguite. Incoraggio gli altri a fare lo stesso sul loro curriculum vitae.

È possibile accedere alle peer review verificate tramite [Web of Science](https://www.webofscience.com/wos/author/record/N-7741-2017)
<https://www.webofscience.com/wos/author/record/N-7741-2017>

Academia Letters (2021:1)

Acta Scientiarum. Technology (2021:1)

AI & Ethics (2023: 2)

AI & Society (2018:2; 2019:2; 2020:3)

Applied Artificial Intelligence (2021:2)

Applied Sciences (2021:1; 2022:1)

**Artificial Intelligence Safety and Security* [CRC Press] (2017:6)

Axiomathes (2018:1; 2020:2)

BMC Medical Ethics (2021:1; 2022:1)

Communications of the ACM (2021:1)

Computer (2022:1)

**Connected and Automated Vehicles: Integrating Ethics and Engineering* (2022:1)

Contingent Horizons (2017:1)

Delphi – Interdisciplinary Review of Emerging Technologies (2019:2)

Democracy and Security (2021:1)

Digital Society (2022:1)

Engineering Reports (2019:1)

Ethics and Information Technology (2020:1; 2021:2; 2022:3)

Ethics and International Affairs (2022:1)

Etica & Politica / Ethics & Politics (2021:1; 2023:1)

Filosofia (2020:2)

Futures (2017:2; 2019:2)
Heliyon (2023:1)
HUMANA. MENTE Journal of Philosophical Studies (2020:1)
Humanities & Social Sciences Communications (2021:1)
IEEE Transactions on Software Engineering (2021:1)
Information and Software Technology (2021:1)
International Journal of Art, Culture and Design Technologies (2018:1; 2019:2)
International Journal of Hospitality Management (2021:1; 2022:1)
International Journal of Human–Computer Interaction (2022:1)
International Journal of Sociotechnology and Knowledge Development (2018:2; 2019:3; 2020:1)
International Journal of Strategic Engineering (2018:1)
International Journal of Systems and Society (2019:1; 2020:1)
International Journal of Technoethics (2017:3; 2018:1; 2019:1; 2020:2)
International Journal of Technology and Human Interaction (2020:2)
International Journal of Technology, Knowledge, and Society (2018:1)
Intersect: The Stanford Journal of Science, Technology, and Society (2018:1)
J (2021:1)
Journal of Applied Philosophy (2020:1)
Journal of Consciousness Studies (2019:1)
Journal of Critical Realism (2018:10; 2019:3)
Journal of Ethics and Emerging Technologies (2021:1)
Journal of Evolution and Technology (2015:1; 2017:2; 2018:1)
Journal of Intelligence (2021:1)
Journal of Military Ethics (2018:2; 2020:1)
Journal of Posthuman Studies (2018:5; 2019:2; 2020:1; 2021:3; 2022:1; 2023:1)
Journal of Responsible Innovation (2017:2; 2018:1; 2021:1)
Journal of Science Communication (2018:1)
Journal of Social Computing (2021:1)
Lessico di Etica Pubblica (2023:1)
**Machine Law, Ethics, and Morality in the Age of Artificial Intelligence* (2020:1)
Minds and Machines (2021:2)
Mind & Society (2020:1; 2021:1)
NanoEthics (2019:4; 2020:2; 2021:5; 2022:2; 2023:2)
Philosophies (2021:2)
Philosophy & Technology (2019:1; 2020:2; 2021:1; 2022:1; 2023:1)
Physica Scripta (2019:1; 2020:1)
Prometeica (2022:2)
Revista CIDOB d'Afers Internacionals (2022:1)
ROBONOMICS: The Journal of the Automated Economy (2021:1; 2023:3)
Science, Technology, and Human Values (2021:6)
Science and Engineering Ethics (2018:7; 2019:9; 2021:4; 2022:1; 2023:1)
Social Theory and Practice (2022:1)
Sustainability (2021:3; 2022:2)
Techné: Research in Philosophy and Technology (2020:2)
Technological Forecasting & Social Change (2021:1)
Technology in Society (2023:2)
TECNOSCIENZA: Italian Journal of Science & Technology Studies (2017:1)

METRICHE DELLA CITAZIONE

Citazioni Google Scholar: 983 (da Giu 23 2023)

h – Index: 16

i10 – Index: 22

PUBBLICAZIONI ACCADEMICHE

Monografie

Umbrello, Steven, 2023. [*Oggetti Buoni. Come costruire una tecnologia sensibile ai valori*](#), Rome: Fandango. ISBN 978-88-6044-902-3. [Italiano]

Umbrello, Steven, 2022. [*Designed for Death: Controlling Killer Robots*](#), Budapest: Trivent Publishing. ISBN 978-615-6405-36-4 [Inglese]

Curatele

Dennis, Matthew; Ishmaev, Georgy; [Umbrello, Steven](#), van den Hoven, Jeroen, (a cura di) 2022. [*Values for a Post-Pandemic Future*](#), Cham: Springer. ISBN 978-3-031-08423-2 [Inglese]

Traduzioni

Galletti, Matteo, 2023. *The Morality Pill: Ethics and Moral Enhancement*, ([S. Umbrello](#), Trans.) Budapest: Trivent Publishing. (Libro originalmente pubblicato in 2022) [da Italiano]. *In corso di stampa*. [Inglese]

Balistreri, Maurizio, 2022. [*Sex Robots: Love in the Age of Machines*](#), ([S. Umbrello](#), Trad.) Budapest: Trivent Publishing. (Libro originalmente pubblicato in 2018) [da Italiano]. ISBN 978-615-6405-39-5 [Inglese]

Caffo, Leonardo, 2022. [*The Contemporary Posthuman*](#), ([S. Umbrello](#), Trad.), Bradford, UK: Ethics International Press. (Libro originalmente pubblicato in 2017) [da Italiano]. ISBN 978-1-80441-010-3 [Inglese]

Articoli

Umbrello, Steven; Wood, Nathan G., 2023. “Why Space Voyages Should be a Human-Centered Domain,” *International Journal of Applied Philosophy*, in corso di stampa. [Inglese] **(CLASSE A 11/C3)**

Balistreri, Maurizio; Umbrello, Steven, 2023. “[The Ethics of Space Travelling and Extraterrestrial Colonization](#),” *Ragion Pratica*, in corso di stampa. [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven, 2023. “Miglioramento e Potenziamento degli Operatori Sanitari *attraverso* la Progettazione,” *NEU*, in corso di stampa. [Italiano]

Umbrello, Steven, 2023. “From Subjectivity to Objectivity: Bernard Lonergan's Philosophy as a Grounding for Value Sensitive Design,” *Scienza & Filosofia*, Numero Speciale: “Etica applicata o Etiche applicate? Pluralismo disciplinare e centralità della scienza,” in corso di stampa. [Inglese]

Umbrello, Steven; Balistreri, Maurizio, 2023. “[Human Enhancement and Reproductive Ethics on Generation Ships](#),” *Argumenta*, in corso di stampa. DOI: 10.14275/2465-2334/20230.umb [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven, 2023. “[Sociotechnical Infrastructures of Dominion in Stefan L. Sorgner's We Have Always Been Cyborgs](#),” *Etica & Politica / Ethics & Politics*, Vol. XXV, No. 1, 336–351. [Inglese] **(CLASSE A 11/C3)**

Balistreri, Maurizio; Umbrello, Steven, 2023. “[Modifying the environment or human nature? What is the right choice for space travel and Mars colonisation?](#)” *Nanoethics*, Vol. 17, 5. DOI: 10.1007/s11569-023-00440-7 [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven, 2023. “[Emotions and Automation in a High-Tech Workplace: A Commentary](#),” *Philosophy & Technology*, Vol. 36, 12. DOI: 10.1007/s13347-023-00615-w [Inglese] **(CLASSE A 11/C3)**

Seskir, Zeki C.; Umbrello, Steven; Coenen, Christopher; Vermaas, Pieter E., 2023. “[Democratization of Quantum Technologies](#),” *Quantum Science and Technology*, Vol 8, No. 2, 024005. DOI: 10.1088/2058-9565/acb6ae [Inglese]

Zicari, Roberto V.; Ahmed, Sheraz; Amann, Julia; [e 32 altri tra cui Umbrello, Steven], 2022. [Assessing Trustworthy AI in times of COVID-19. Deep Learning for predicting a multi-regional score conveying the degree of lung compromise in COVID-19 patients](#). *IEEE Transactions on Technology and Society*, Numero Speciale: “After Covid-19: Crises, Ethics, and Socio-Technical Change,” Vol. 3, No. 4, 272–289. DOI: 10.1109/TTS.2022.3195114 [Inglese]

Balistreri, Maurizio; Umbrello, Steven, 2022. “[Space travel does not constitute a condition of moral exceptionality. That which obtains in space obtains also on Earth!](#),” *Medicina e Morale*, Vol. 71. No. 3, 311–321. DOI: 10.4081/mem.2022.1213 [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven, 2022. “[Designing Genetic Engineering Technologies for Human Values](#),” *Etica & Politica / Ethics & Politics*, Vol. XXIV, No. 2, 481–510. [Inglese] **(CLASSE A 11/C3)**

Balistreri, Maurizio; Umbrello, Steven, 2022. “[Should the colonisation of space be based on reproduction? Critical considerations on the choice of having a child in space](#),” *Journal of*

Responsible Technology, Vol. 11, (October), 100040. DOI: 10.1016/j.jrt.2022.100040 [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven, 2022. “[The Role of Engineers in Harmonising Human Values for AI Systems Design](#),” *Journal of Responsible Technology*, Vol. 10, (July), 100031. DOI: 10.1016/j.jrt.2022.100031 [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven; Yampolskiy, Roman V., 2022. “[Designing AI for Explainability and Verifiability: A Value Sensitive Design Approach to Avoid Artificial Stupidity in Autonomous Vehicles](#),” *International Journal of Social Robotics*, Vol. 14, No. 2, 313–322. DOI: 10.1007/s12369-021-00790-w [Inglese] **(CLASSE A 11/C3)**

Capasso, Marianna, Umbrello, Steven, 2022. “[Responsible Nudging for Social Good: New Healthcare Skills for AI-Driven Digital Personal Assistants](#),” *Medicine, Health Care and Philosophy*, Vol. 25, No. 1, 11–22. DOI: 10.1007/s11019-021-10062-z [Inglese] **(CLASSE A 11/C3)**

Brooks, Laurence; Cannizzaro, Sara; Umbrello, Steven; Bernstein, Michael J.; Richardson, Kathleen, 2022. “[Ethics of Climate Engineering: Don’t forget technology has an ethical aspect too](#),” *International Journal of Information Management*, Vol. 63, 102449. DOI: 10.1016/j.ijinfomgt.2021.102449 [Inglese]

Ivanov, Stanislav; Umbrello, Steven, 2021. “[The ethics of artificial intelligence and robotisation in tourism and hospitality – a conceptual framework and research agenda](#),” *Journal of Smart Tourism*, Vol. 1, No. 4, 9–18. DOI: 10.52255/smarttourism.2021.1.4.3 [Inglese]

Umbrello, Steven, 2021. “[Coupling Levels of Abstraction in Understanding Meaningful Human Control of Autonomous Weapons: A Two-Tiered Approach](#),” *Ethics and Information Technology*. Vol. 23, No.3, 455–464. DOI: 10.1007/s10676-021-09588-w [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven; Capasso, Marianna; Balistreri, Maurizio; Pirni, Alberto; Merenda, Federica, 2021. “[Value Sensitive Design to Achieve the UN SDGs with AI: A Case of Elderly Care Robots](#),” *Minds and Machines*, Numero Speciale: “Social Robots: Ethical and Anthropological Issues,” Vol. 31, No. 3, 395–419. DOI: 10.1007/s11023-021-09561-y [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven; van de Poel, Ibo, 2021. “[Mapping Value Sensitive Design onto AI for Social Good Principles](#),” *AI and Ethics*, Vol. 1, No. 3, 283–296. DOI: 10.1007/s43681-021-00038-3 [Inglese]

Zicari, Roberto V.; Ahmed, Sheraz; Amann, Julia; [e 32 altri tra cui Umbrello, Steven], 2021. “[Co-design of a Trustworthy AI System in Healthcare. Best Practice: Deep Learning based Skin Lesion Classifier](#),” *Frontiers in Human Dynamics*, Numero Speciale: “Human and Artificial Collaboration for Medical Best Practices,” Vol. 3, No. 688152. DOI: 10.3389/fhumd.2021.688152 [Inglese]

Pirni, Alberto; Balistreri, Maurizio; Capasso, Marianna; Umbrello, Steven; Merenda, Federica, 2021. “[Robot Care Ethics Between Autonomy and Vulnerability: Coupling Principles and Practices in Autonomous Systems for Care](#),” *Frontiers in Robotics and AI*, Numero Speciale:

“Responsible Robotics: Identifying and Addressing Issues of Ethics, Fairness, Accountability, Transparency, Privacy and Employment,” Vol. 8, No. 654298. DOI: 10.3389/frobt.2021.654298 [Inglese] **(CLASSE A 11/C3)**

Umbrello, Steven; Wood, Nathan Gabriel, 2021. “[Autonomous Weapons Systems and the Contextual Nature of Hors de Combat Status](#),” *Information*, Numero Speciale: “Meaningful Human Control and Autonomous Weapons Systems: Ethics, Design, and Responsible Innovation,” Vol. 12, No.5, 216. DOI: 10.3390/info12050216 [Inglese] **(CLASSE A 11/C3)**

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CONVEGNI & WORKSHOPS

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[Track Chair] Ethical-legal reflection on dilemmas in pandemic management, *Covid-19: Ethical Issues, Public Perceptions and Social Dynamics in Pandemic Responses*. Cross-Country and Cross-Cultural Comparisons, Università degli Studi di Torino, Torino, 4 – 5 Nov 2022.

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“Magic, Technology, and the Future of Humanity” 8th *Posthuman Studies Workshop*. (3 Dicembre 2022) John Cabot University, Roma, Italia.

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Lezione di Francesco Verso “Fantascienza e Filosofia”, *Università di Torino*, (13 Mag 2019), Torino, Italia. [Italiano]

Presentazione del Libro di Pierpaolo Marrone, *Università di Torino*, (13 Mag 2019), Torino, Italia. [Italiano]

“Drawing the Future Through Innovation” from Leonardo to Emerging Technologies, *Ethics & Compliance Forum ITALIA*, (9 – 10 Mag 2019), Torino, Italia. [Inglese]

“Medicina e Nuove Tecnologie: Dalle Apps al Robot, Come Cambia il Volto Della Cura,” *Workshop Internazionale, Università di Torino* (30 Apr 2019), Torino, Italia. [Italiano]

Global AI Governance Framework Team, *AI Safety Camp*, (26th Apr – 5th Mag 2019) Ávila, Spagna. [Inglese]

Ethics in Emerging Tech, *Innovation Hub Berlin*, (1 Mar 2019) Berlino, Germania. [Inglese]

“Beyond Anthropocentrism,” *2nd Posthuman Studies Workshop*. (9 Feb 2019) John Cabot University, Roma, Italia. [Inglese]

“I robot nell'assistenza delle persone fragili,” (5 Feb 2019) *Università degli Studi di Torino*, Torino, Italia. [Italiano]

Reimagining the Future of Engineering, Forum on Philosophy, Engineering and Technology, *University of Maryland*, USA, Mag 30, 2018. [Inglese]

Knowledge Mobilization: Planning and Practice, *York University*, Canada, Gen 2, 2018. [Inglese]

APPARIZIONE SUI MEDIA

Umbrello, Steven, 2022. “[Designed for Death: Robots, Control and War](#),” *Future of Work Lecture Series*, James Hughes (Host) [Podcast]. [Inglese]

Umbrello, Steven, 2022. “[Is Artificial Intelligence A Threat To Human Existence? | Opposing Views](#),” *Mikhaila Peterson Podcast*, Mikhaila Peterson (Host) [Podcast]. [Inglese]

Umbrello, Steven, 2021. “[Episode #69: Why AI & ML Engineers Should Incorporate Value Sensitive Design Into Their Models – Institute for Ethics and Emerging Technologies’ Steven Umbrello](#),” *Intelligent Automation Radio*, Guy Nadivi (Host) [Podcast]. [Inglese]

Umbrello, Steven, 2021. “[57. Value Sensitive Design with Steven Umbrello](#),” *Machine Ethics Podcast*, Ben Byford (Host) [Podcast]. [Inglese]

Umbrello, Steven, 2021. “[How We Can Design Autonomous Systems for Values with Steven Umbrello](#)” *HumAIIn Podcast*, David Yakobovitch (Host) [Podcast]. [Inglese]

Umbrello, Steven, 2021. “[Interview With Steven Umbrello: Ethics, Technology and the Future of Work](#),” *The Ritz Herald*, Ryan Offman (Journalist) [Giornale Online]. [Inglese]

Umbrello, Steven, 2021. “[Killer Robots and Value Sensitive Design with Steven Umbrello](#)” *The Radical AI Podcast*, Dylan Thomas Doyle & Jessie J. Smith (Hosts) [Podcast]. [Inglese]

Umbrello, Steven, 2021. “[Tecnologia e libertà: sorelle o nemiche?](#)” *Techprincess*, Claudio Begnasco (Journalist) [Giornale Online]. [Italiano]

Umbrello, Steven, 2021. “[Etica della Tecnologia](#),” *La Sesia*, Alessia Bazzano (Reporter) [Giornale Stampa/Online]. [Italiano]

Umbrello, Steven, 2021. “[Will Robots Take Your Job? It Depends](#),” *Technopedia*, Terri Williams [Reporter] [Rivista Online]. [Inglese]

Umbrello, Steven, 2021. “[Episode #23 Steven Umbrello, MA, MSc \(Philosophy of Technology\)](#),” *Into the Absurd*, Gregory Gravelle (Host) [Podcast]. [Inglese]

Umbrello, Steven, 2021. “[Value Sensitive Design with Steven Umbrello](#),” *The Ethics Equation*, Olivia Gambelin (Host) [Podcast]. [Inglese]

Umbrello, Steven, 2020. “[Towards and Ethics of Technology](#),” *Impactscool Magazine*, La Redazione (Editorial) [Rivista Online]. [Inglese/Italiano]

Baum, Seth; Bassett, Stephen; Denkenberger, David; Umbrello, Steven, 2016. “Disclosure & Identity,” *Quantum Earth*, Frederic Eger (Host) [Documentario Serie TV]. [Inglese]

GRUPPI DI RICERCA

- 2022 – [Membro del Gruppo di Ricerca] Technological change, sustainability, and society (TCSS) research group. Principle investigator: Henrik Skaug Sætra (Østfold University College).
- 2021 – [Membro co-fondatore del gruppo di ricerca internazionale] International Research Group on “Contemporary Horizons in Human Reproduction: ART, AI and Biomedical Innovations Via the Prism of Philosophy, Anthropology and Politics”.
- 2020 – 2022 [Membro del Gruppo di Ricerca] International Research Group (Italy Working Group) on "Moral Issues in the Covid-19 Crisis: normative problems and citizens' perceptions", principal investigator: Kevin De Sabbata (Athena Institute, Vrije Universiteit Amsterdam).
- 2020 – 2021 [Membro del Gruppo di Ricerca] AI4EU Education & AI Working Group "AI4EU", European Union's Horizon 2020 research and innovation programme under grant agreement 825619.

BORSE DI STUDIO

Stiftung Südtiroler Sparkasse Global Fellowship (2022)	€ 5'000 EUR
“Study in Italy” MIUR Italian Government Scholarship (2018/2019)	€ 8'100 EUR
Travel Grant – Governance of Emerging Technologies Conference (2018)	\$ 600 USD
York University Graduate Development Bursary (2018)	\$ 350 CAD
York University Graduate Fellowship (Masters) (2017/2018)	\$ 11'000 CAD
York University CUPE 3903 Graduate Union GFA (2017/2018)	\$ 1'260 CAD

RICONOSCIMENTI & PREMI

- 2021 Santander-CIDOB 35 under 35 List – Barcelona Centre for International Affairs
- 2019 Top Peer Reviewer (Top 1% Social Sciences) – Publons
- 2018 Excellent Reviewing Award (8th worldwide) – Publons
- 2017 **Outstanding Contribution in Reviewing** – Futures (Elsevier)
- 2016 **Honours Distinction** – University of Toronto
- 2012 – 2014 **Certificate of Appreciation (Accessibility Resources)** – University of Toronto
- 2011 **Ontario Scholar Award** – Holy Cross Catholic Academy

2011 **Certificate of Merit** – Holy Cross Catholic Academy
 2010 – 2011 **Honour Roll** – Holy Cross Catholic Academy

ASSOCIAZIONI PROFESSIONALI

2022 – [Socio] Società Italiana di Filosofia Morale (SIFM)
 2022 – [Socio] Società Filosofica Italiana (SFI)
 2021 – 2022 [Socio] Società Italiana per l'Etica dell'Intelligenza Artificiale
 2020 – 2021 [Socio] Society for Philosophy and Technology
 2019 [Socio] IEEE Computer Society
 2019 [Socio] IEEE Robotics and Automation Society
 2015 – 2017 [Socio] Transhumanist Policy Center
 2015 – 2017 [Socio] The Foundation for Responsible Robotics
 2014 – 2016 [Socio] Philosophy of Science Association
 2014 – 2016 [Socio] Joint Caucus of Socially Engaged Philosophers & Historians of Science
 2015 – 2016 [Socio] History of Science Society
 2014 – 2016 [Socio] The Aristotelian Society
 2014 – 2015 [Stagista] The Richard Dawkins Foundation for Reason and Science
 2014 [Volontario] Canadian Bookbinder's & Book Artists Guild

VOLUNTEER POSITIONS

2020 – Present [Comitato Consultivo] International AIQT Foundation
 2015 – 2016 [Comitato Consultivo] Institute for Ethics and Emerging Technologies
 2015 – 2017 [Comitato Consultivo] Transhumanist Policy Center
 2015 – 2018 [Studio Affiliato] Transhumanity.Net
 2014 – 2015 [Stagista] The Richard Dawkins Foundation for Reason & Science
 2014 – 2015 [Stagista] The Canadian Bookbinder's and Book Artists Guild
 2012 – 2014 [Prendi Appunti] The University of Toronto Accessibility Resource Centre
 2007 – 2011 [Stagista] ALS Society of Canada